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a building in the City of Washington to be known as the George Washington Memorial Building in commemoration of our first president and his interest in science and higher education in America.

At the present time there are no suitable facilities for bringing together at Washington the national patriotic, scientific, educational, literary and art activities. The association proposes to secure funds necessary for the erection of a building, well located, attractive in appearance, practical in plan and construction, and of the most durable character. It is to be planned so as to furnish a home and gathering place for national patriotic, scientific, educational, literary and art organizations that may need such accommodations, including the Washington Academy of Sciences and its sixteen affiliated societies. It will furnish a place where all the patriotic societies, both north and south, may testify to their love for the father of this country. The building will contain a great hall, or auditorium, and rooms for large congresses, such as the recent Tuberculosis Congress; rooms for small and large meetings; office rooms and students' research rooms.

In addition to the Memorial Building it is intended to secure an endowment adequate for its maintenance.

The advantages of a permanent home for the American Association for the Advancement of Science are too obvious to require further comment. The project has received the endorsement of the National Academy of Sciences, the Washington Academy of Sciences and its affiliated societies, the Association of Physicians and Surgeons, the National Association for the Study and Prevention of Tuberculosis and other national scientific and art organizations.

The George Washington Memorial Association is conducting an active campaign and is meeting with gratifying success in its efforts to obtain subscriptions.

To the scientific organizations of this country, and to our association, which is in need of a permanent home, such a building has an especial value, and members are urgently requested to cooperate in securing contributions.

While large subscriptions are desirable, I invite your favorable consideration to the following extracts from the appeal for the building fund.

This building must be the nation's tribute to Washington. Every one of us must have a part in it. I ask you to contribute one dollar each to this building, and in this way we will accomplish a most patriotic purpose and also have provided for carrying out in the highest sense the great

thought of Washington, which as yet has not been recognized by the American people in any concrete form. A receipt with engraved head of Washington will be sent to each contributor and the name and address of each contributor will be entered in the permanent record of this great undertaking. The entrance fee shall be five dollars, which will cover the dues for the first year, to be remitted to the treasurer. The annual dues shall be two dollars, payable on or before the thirtieth day of January.

SUSAN WHITNEY DIMOCK,  
*President George Washington  
Memorial Association*

It affords me great pleasure to second this appeal, and to request that you mail your contributions to Dr. L. O. Howard, Smithsonian Institution, Washington, D. C., so that in due time they may be transmitted as the offering of the members of the American Association for the Advancement of Science to a great and worthy cause.

Very respectfully yours,  
DAVID STARR JORDAN,  
*President A. A. A. S.*

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#### SCIENTIFIC NOTES AND NEWS

As has already been noted the Royal Society has this year awarded its Copley medal to Dr. G. W. Hill, For.Mem.R.S., for his researches in mathematical astronomy; other awards are royal medals to Professor A. E. Love, F.R.S., for his researches in the theory of elasticity and cognate subjects and to Major Ronald Ross, F.R.S., for his researches in connection with malaria; the Davy medal to Sir James Dewar, F.R.S., for his researches at low temperatures, and the Hughes medal to Dr. R. T. Glazebrook, F.R.S., for his researches on electrical standards.

THE honors awarded on the occasion of King Edward's birthday include the following: Privy councillor, Sir Henry Roscoe, F.R.S.; knights, Professor W. A. Tilden, F.R.S., professor of chemistry and dean of the Royal College of Science, London, and Mr. E. H. Shackleton, the leader of the recent antarctic expedition. Professor A. H. Church, F.R.S., professor of chemistry in the Royal Academy of Arts, has been appointed a knight commander of the Royal Victorian Order (K.C.V.O.). Mr. T. L. Heath, Sc.D.,

principal clerk of the treasury, has been promoted to be knight commander of the Bath (K.C.B.), and Dr. Sven Hedin has been appointed an honorary knight commander of the Indian Empire (K.C.I.E.).

PROFESSOR L. A. WAIT, head of the department of mathematics at Cornell University, where he has been professor since 1870, will retire from active service at the close of the present year.

DR. ERNST WILHELM EBERMAYER, professor of agricultural chemistry at Munich, has celebrated his eightieth birthday.

PROFESSOR WILLIAM BATESON has been elected president of the Cambridge Philosophical Society.

SIR WILLIAM NOVEN, K.C.B., F.R.S., has been elected president of the London Mathematical Society.

DR. M. P. RAVENEL, professor of bacteriology at the University of Wisconsin, has been appointed "Official Rapporteur" to the International American Congress at Buenos Ayres next May, where he will have charge of the program devoted to tuberculosis.

SIR T. H. HOLLAND, F.R.S., professor of geology and mineralogy in Manchester University, will deliver the Wilde lecture of the Manchester Literary and Philosophical Society for 1910.

THE REV. T. G. BONNEY, F.R.S., delivered a lecture in Cambridge on November 25, on "A Desert Phase in the Development of Britain." Dr. H. H. W. PEARSON, of Gonville and Caius College, professor of botany in the South African College, Cape Town, delivered a lecture, on November 19, on "A Botanical Journey in Southwest Africa."

AN oil portrait of the late John T. Duffield, for many years professor of mathematics at Princeton University, has been added to the collection in Nassau Hall.

At the opening meeting of the Institution of Electrical Engineers, London, on November 11, a marble bust, by Mr. Hamo Thornycroft, of the late Dr. John Hopkinson, F.R.S., past-president of the institution, was presented to the institution by Professor Bertram Hopkin-

son on behalf of his mother, Mrs. John Hopkinson.

DR. WILLIAM JAMES RUSSELL, F.R.S., formerly lecturer in chemistry in the Medical School of St. Bartholomew's Hospital, died on November 12, at the age of eighty years.

THE death is also announced of Dr. C. G. Graham, formerly professor of chemical technology at University College, London, at the age of seventy-four years.

DR. JOHN S. COULTER, professor of botany in the University of Chicago, gave recently an address before the Science Club of the University of Wisconsin, held to celebrate the hundredth anniversary of Darwin's birth.

PRESIDENT CHARLES R. VAN HISE, of the University of Wisconsin, recently addressed the members of the honorary agricultural society at Iowa College, Ames, Ia., on "The Conservation of Our Natural Resources," and the St. Louis Academy of Science and St. Louis Pedagogical Society, in joint session, on the same subject.

PROFESSOR RICHARD E. DODGE, of Teachers College, Columbia University, gave an illustrated lecture on "Desert Life" before the geological department and the faculty of Colgate University on November 22. This was the first of a series to be given during the winter; the other lecturers being Professor W. M. Davis, of Harvard University, Professor James F. Kemp, of Columbia University, and Mr. Cyrus C. Adams, of the American Geographical Society.

THE fifth course of lectures by the Harvey Society, to be given in the New York Academy of Medicine on Saturday evenings, includes the following:

December 4—Professor Otto Cohnheim, University of Heidelberg, "The Influence of Sensory Impressions on Scientific Deductions."

December 11—Professor T. G. Brodie, University of Toronto, "Renal Activity."

December 18—Professor Carl G. Huber, University of Michigan, "Renal Structure."

January 15—Professor Ludwig Hektoen, University of Chicago, "Certain Phases of the Formation of Antibodies."

February 19—Dr. Eugene L. Opie, The Rockefeller Institute, "Inflammation."

March 5—Professor Adolf Meyer, Johns Hopkins University, "The Present Status of Aphasia and its relation to Psychopathology."

March 19—Professor A. Magnus-Levy, University of Berlin, "Pathology and Therapy in Diseases of Metabolism."

THE International Committee for the Study of Methods of Control of Bovine Tuberculosis will hold its first meeting at Buffalo on December 13.

THE German National Museum at Munich has asked Dr. Lowell, director of the Lowell Observatory, for records of the observatory's work for their archives and permanent exhibition, comprising: (1) A series of photographs of Mars; (2) photographs of Jupiter; (3) spectra of Mars showing water vapor and comparison spectra; (4) spectra of the other planets; (5) the characteristic star spectra exhibited at Dresden last summer by Mr. Slipher.

THE annual exhibition of apparatus by the Physical Society of London will be held on December 14, when the exhibition will be open from 3 to 6 in the afternoon and from 7 to 10 in the evening.

THE chancellor of the University of Kansas is the state sealer of weights and measures, and Chancellor Strong has just caused to be mailed to the county officers concerned and others interested, copies of a bulletin on Kansas Weights and Measures. This bulletin gives specifications for town, city and county standards, and instructions to sealers and inspectors, and also the laws of Kansas relating to weights and measures. In the introduction to the bulletin, the chancellor says that "Though not at present fully recognized, the sealer of weights and measures should be one of the most important public officials in his community."

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#### UNIVERSITY AND EDUCATIONAL NEWS.

THE Catholic University of Washington will receive \$120,100 by the will of Mrs. Emily Lusby, of Baltimore.

THE *Educational Times* states that the committee appointed by the British chancellor of the exchequer to consider the apportionment of the £15,000 additional grants which he proposes to give to the University of Wales and its three constituent colleges have recommended the following allocation, viz., £1,500 per annum to the university for fellowships in arts and sciences; £1,500 a year to the Cardiff Medical School; £4,000 each to the colleges at Bangor, Aberystwyth, and Cardiff to provide increased salaries to the staffs, further equipment for libraries and museums and provision for tutorial assistance; and £500 each towards establishing a pension scheme.

THE University of Glasgow has received, from Miss Pollock and Mrs. Gilchrist, sisters of the late Dr. Robert Pollock, notice that they intend, in accordance with their brother's wishes, to bequeath to the university £10,000 for the foundation of a lectureship in *materia medica* for the encouragement of research.

DR. WILLIAM DEY, for many years a member of the University Court, Aberdeen, and his brothers have given £2,500 to the university to found a scholarship in education in memory of their father.

A SYNDICATE has been appointed at Cambridge University to consider the question of providing pensions for professors and others in the service of the university.

DR. J. S. SHEARER has been promoted to a professorship in physics at Cornell University.

MR. EDGAR I. WENGER, associate in railway engineering at the University of Illinois, has been appointed assistant professor of electrical engineering at McGill University.

AT the University of North Dakota A. H. Taylor, Ph.D. (Göttenberg) has been appointed head of the department of physics, vice G. W. Stewart, Ph.D., now of the University of Iowa, and H. E. Simpson, M.A. (Harvard), formerly professor of geology in Colby College, assistant professor of geology. J. E. Rhodes, M.E. (Clemson), has been appointed instructor in mechanical drawing; Alfred A. McAlister, M.E. (Ohio State), instructor in mining and electrical engineering;